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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,551	03/09/2001	Scott E. Harrow	10205.030	7317
7590	04/02/2004			EXAMINER
Paul F. Wille 6407 East Clinton Street Scottsdale, AZ 85254			SINGH, RAMNANDAN P	
			ART UNIT	PAPER NUMBER
			2644	
DATE MAILED: 04/02/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/803,551	HARROW ET AL.
	Examiner	Art Unit
	Ramnandan Singh	2644

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 15 March 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

a) The period for reply expires _____ months from the mailing date of the final rejection.
 b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
 ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
 2. The proposed amendment(s) will not be entered because:
 (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 (b) they raise the issue of new matter (see Note below);
 (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. Applicant's reply has overcome the following rejection(s): _____.
 4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: (See attached answers to Applicant's arguments).
 6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
 7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on _____ is a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.

10. Other: Form 892 Attached

1. Applicant's argument --- "There is no "threshold" as the term is understood by those of skill in the relevant art" on page 5, lines 8-9.

Examiner's response---What definition of a threshold precludes an input signal or any other signal from being used as a threshold ?
By definition, in a comparator, one signal serves as a threshold to the other. See, for example, "The Engineering Handbook", 1996, Richard C. Dorf (Editor-in-Chief) , CRC Press, Inc, page 1505 for the definition of a comparator, wherein V1 abd V2 are two input signals to the comparator, V2 serving as a threshold relative to V1 (enclosed).

2. Applicant's argument-- "The signals are input signals, not reference signals, and that is point" on page 5, lines 18-19.

Examiner's response---The Applicant's argument is incorrect. The signals go to comparators, and hence one signal serves as a threshold relative to the other.

3. Applicant's Argument---"A comparison of applicant's Fig. 2 with Fig. 20 of the Sullivan patent clearly shows that it is impossible in the Sullivan patent to compare two signals to a threshold" on page 5, lines 24-25.

Examiner's response----The claim language is not commensurate with the applicant's argument. The claim lague says "at least one threshold", and one signal serves as a threshold relative to the other signal in the comparator(s).


SPE, Art Unit 2641